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Substitute for form 1449/PTO			<b>Complete if Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)			Application Number	10/715,916	
			Filing Date	11/18/03	
			First Named Inventor	Eric Howard Klingenberg, et al.	
			Art Unit	1711	
			Examiner Name	Sergent	
Sheet	1	of	3	Attorney Docket Number	06471 USA

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RA		US- 2003/0025855 A1	2/6/2003	M. M. Holman, et al.	
RA		US- 2003/0011867 A1	1/16/2003	A. L. Loxley	
RA		US- 4,528,323	7/9/1985	O. Lorenz, et al.	
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RA		US- 5,124,400	6/23/1992	R. E. Tirpak, et al.	
RA		US- 5,270,433	12/14/1993	W. Klauck, et al.	
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## FOREIGN PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Fabian Sergent

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Examiner Signature	<i>Ruben J. J. J.</i>	Date Considered	9/27/05
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				Filing Date	11/18/03
				First Named Inventor	Eric Howard Klingenberg, et al.
				Art Unit	1711
				Examiner Name	Sergent
Sheet	3	of	3	Attorney Docket Number	06471 USA

NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>	
RS		"TMXDI <sup>®</sup> (META) Aliphatic Isocyanate, Dispersions for Solvent-Free Adhesives," Cytec Industries, Inc., 2001, pp. 1-13.	✓	
RS		"TMXDI <sup>®</sup> (META) Aliphatic Isocyanate, Dispersions in Inks," Cytec Industries, Inc., 2001, pp. 1-8.	✓	
RS		"TMXDI <sup>®</sup> (META) Aliphatic Isocyanate, The Choice for Aqueous Polyurethane Dispersions," Cytec Industries, Inc., 2001, pp. 1-18.	✓	
RS		D. DIETERICH, "Aufbau von Netzwerken aus Präpolymeren," <i>Angewandte Makromolekulare Chemie</i> 76/77, 1979, pp. 79-107 (Nr. 1114).		
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RS		H. ULRICH, "Urethane Polymers," <i>Kirk-Othmer Encyclopedia of Chemical Technology</i> , 1997, #3, 6 pages.	✓	
RS		H. ULRICH, "Urethane Polymers," <i>Kirk-Othmer Encyclopedia of Chemical Technology</i> , 1997, #4, 8 pages.	✓	
RS		J. J. FONTANELLA, "Pressure and Temperature Variation of the Electrical Conductivity of Poly(propylene glycol) containing LiCF <sub>3</sub> SO <sub>3</sub> ," <i>Journal of Chemical Physics</i> , Vol. 111, No. 15, 1999, pp. 7103-7109.	✓	
RS		M. A. RATNER, et al., "Ion Transport in Solvent-Free Polymers," <i>Chem. Rev.</i> 1988, 88, pp. 109-124.	✓	
RS		M. C. WINTERSGILL, et al., "Electrical Conductivity, DSC and NMR Studies of PEG and PPG Containing Lithium Salts," <i>Solid State Ionics</i> 135, 2000, pp. 155-161.	✓	
RS		N. OGATA, "Ion-Conducting Polymers," <i>Journal of Macromolecular Science, Part C - Polymer Reviews</i> , Vol. C42, No. 3, 2002, pp. 399-439.	✓	
RS		O. LORENZ, et al., "Einfluß von Lösungsmitteln auf den Partikeldurchmesser von Dispersionen anionischer Polyurethanionomerer," <i>Die Angewandte Makromolekulare Chemie</i> 72, 1978, pp. 115-123 (Nr. 1095).	✓	
RS		T. WEN, et al., "Blending Thermoplastic Polyurethanes and Poly(ethylene oxide) for Composite Electrolytes Via a Mixture Design Approach," <i>National Cheng Kung University, Taiwan</i> , 1999, pp. 680-692.	✓	
RS		T. WEN, et al., "Soft Segmental Effect of Methylene Bis(p-cyclohexyl isocyanate) Based Thermoplastic Polyurethane Impregnated with Lithium Perchlorate/Propylene Carbonate on Ionic Conductivity," <i>National Cheng Kung University, Taiwan</i> , 2000, pp. 935-942.	✓	
RS		W. D. Davies, "Some Property Aspects of Aqueous Polyurethane Ionmer Dispersions," <i>Spec. Publ. - R. Soc. Chem.</i> , 1190, pp. 181-209.	✓	
Examiner Signature	Rabun Sergent		Date Considered	9/27/05

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Substitute for form 1449/PTO

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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT  
(Use as many sheets as necessary)

Sheet 1 of 2 Attorney Docket Number 06471 USA

## U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
RA		US- 4,269,748	5/26/1981	K. Nachtkamp, et al.	
RA		US- 4,914,161	4/3/1990	D. Muller, et al.	
RA		US- 5,354,807	10/11/1994	M. J. Dochniak	
RA		US- 5,637,639	6/10/1997	Y. Duan, et al.	
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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
RA		JP 3361691 B2	1/7/2003	Japanese		✓

Examiner Signature: *Rabon Sargent* Date Considered: 9/27/05

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)		Application Number	10/715916
		Filing Date	18 November 2003
		First Named Inventor	Eric Howard Klingenberg, et al.
		Art Unit	1711
		Examiner Name	Sergent
Sheet 2 of 2	Attorney Docket Number	06471 USA	

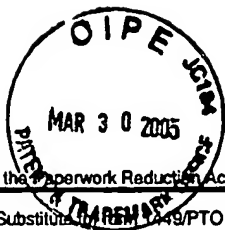
## NON PATENT LITERATURE DOCUMENTS

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RS		S. Y. LEE, et al., "Preparation and Properties of Water-borne Polyurethanes," <i>Polymer International</i> , 42, pp. 67-76 (1997).	✓
RS		B. K. KIM, "Aqueous Polyurethane Dispersions," <i>Colloid &amp; Polymer Science</i> , Vol. 274, pp. 599-611 (1996).	✓
RS		D. DIETERICH, "Introduction to Urethane Ionomers," <i>Adv. Urethane Ionomers</i> , Bayer AG, Germany, pp. 1-21 (1995).	✓
RS		C. YANG, et al., "Application and Statistical Experimental Strategies to the Process Optimization of Waterborne Polyurethane," <i>Polymer Engineering and Science</i> , Vol. 35, No. 8, pp. 722-730 (1995).	✓
RS		S. D. SENEKER, et al., "New Polyether Polyols for Aqueous Polyurethane Dispersions," ARCO Chemical Company, presented at UTECH Asia '97, SunTec City, Singapore (1997).	✓
RS		D. DIETERICH, "Aqueous Emulsions, Dispersions and Solutions of Polyurethanes; Synthesis and Properties," <i>Progress in Organic Coatings</i> , Vol. 9, pp. 281-340 (1981).	✓
RS		S. RAMESH, et al., "Chain-Extended Polyurethane Anionomers Using Ionic Diols of Varying Methylene Spacers," <i>Journal of Polymer Science: Part A: Polymer Chemistry</i> , Vol. 34, pp. 1713-1721 (1996).	✓
RS		F. M. B. Coutinho, et al., "Synthesis and Molecular Weight Determination of Urethane-Baed Anionomers," <i>Polymer Bulletin</i> , Vol. 37, pp. 1-5 (1996).	✓
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RS		C. K. KIM, et al., "Aqueous Dispersion of Polyurethane Ionomers from Hexamethylene Diisocyanate and Trimellitic Anhydride," <i>Colloid &amp; Polymer Science</i> , Vol. 269, pp. 895-900 (1991).	✓
Examiner Signature	Robert Sergent		Date Considered 9/27/05

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				Application Number	10/715,916
				Filing Date	November 18, 2003
				First Named Inventor	Klingenberg, et al.
				Art Unit	1614 1711
Sheet	1	of	1	Examiner Name	Sergent
				Attorney Docket Number	06471 USA

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RS		US- 6,235,384 B1	05-22-2001	Voss, et al.	
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RS		WO 03/046095 A1	06-05-2003	Tielemans, et al.		✓

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